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Hayes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Takashi MIIDA)

Serial No. 10/074,227)

Filed: February 14, 2002)

For: CHANGEABLE GAIN AMPLIFIER,
SOLID-STATE IMAGING DEVICE
AND OPTICAL SIGNAL READING
METHOD)

) Examiner: S. Yam

) Group Art Unit: 2878

) May 27, 2003

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AMENDMENT AND RESPONSE TO OFFICE ACTION OF FEBRUARY 25, 2003

Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

In response to the office action dated February 25, 2003, please make the following amendments in the above-identified application.

IN THE SPECIFICATION

Page 5, lines 4-12, delete the paragraph and insert therefor the following paragraph:

A' — A variable gain amplifier of the present invention is characterized in that it converts a first signal voltage and a second signal voltage into charges by sequentially inputting the first and second signal voltages, generates a difference signal between the first and second